

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	18500	(plasma and (wafer or substrate or article)) and ((chamber or reactor or vessel) with (protect\$3 or prevent\$3) and plasma)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/18 11:48
L2	499	1 and (("SiC" or "silicon carbide" or "B.sub.4 C" or "boron carbide" or "alumite" or "Al.sub. 3 O.sub.2") with (protect\$4 or prevent\$4 or isolat\$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/18 11:51
L3	364	2 and (electrode or cathode or anode)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/18 11:51
L4	337	3 and (HF or "high frequency" or power or "13.56MHz")	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/18 11:52
L5	2	(zervigon.xp. or zervigon.xa.) and guenzer.att.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/18 11:52
L6	1	("5364496").PN. OR ("5679204").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/18 12:52
L7	32	steger-robert-j.in. and plasma	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/18 12:52
L8	35	steger-robert-j.in. and plasma	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/18 12:52
L9	54	("4427516"   "4526644"   "4693777").PN. OR ("5085727").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/18 13:06
L10	0	ISHIZU-HIDEHIKO.in. and HIROSE-HIDEYUKI.in.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/18 13:06
L11	2	ISHIZU-HIDEHIKO.in. and HIROSE-HIDEYUKI.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/18 13:06
L12	13	("5435880").PN. OR ("6251216").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/18 13:22
L13	5	("5824607"   "6171438"   "6180019"   "6251792").PN. OR ("6388624").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/18 13:56
L14	6	Kadomura-Shingo.in. and Takatsu-Kei.in. and Hirano-Shinsuke.in.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/18 14:09
L15	1	"6391437".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/18 14:09

## EAST Search History

L16	36	(US-20020066532-\$).did. or (US-6074518-\$ or US-6586886-\$ or US-6465051-\$ or US-6706138-\$ or US-6363882-\$ or US-6220201-\$ or US-6475918-\$ or US-6245202-\$ or US-6244211-\$ or US-5959409-\$ or US-5910221-\$ or US-5865896-\$ or US-6881608-\$ or US-6682627-\$ or US-6440866-\$ or US-6408786-\$ or US-5788799-\$ or US-6533910-\$ or US-5366585-\$ or US-6776873-\$ or US-4690793-\$ or US-6027629-\$ or US-5614055-\$ or US-6974523-\$ or US-5679204-\$ or US-5085727-\$).did. or (US-6083412-\$ or US-5268200-\$ or US-6251216-\$ or US-7011039-\$ or US-6270687-\$ or US-6388624-\$ or US-6391437-\$ or US-6120661-\$).did. or (JP-63138737-\$).did.	US-PGPUB; USPAT; JPO	OR	ON	2006/04/18 16:03
L17	2	"6244211".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/18 16:23
L18	2	"6391437".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/18 16:37
L19	2	"6388624".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/18 16:45
L20	2	(("6391437") or ("6388624")).PN.	USPAT	OR	OFF	2006/04/18 16:51
L21	653	TETSUKA-TSUTOMU.in. or IKENAGA-KAZUYUKI.in. or ONO-TETSUO.in. or YOSHIGAI-MOTOHIKO.in. or ITABASHI-NAOSHI.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/18 16:52
L22	284	21 and plasma	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/18 16:52
L23	164	22 and (electrode or anode or cathode)	US-PGPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/18 16:52

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	18500	(plasma and (wafer or substrate or article)) and ((chamber or reactor or vessel) with (protect\$3 or prevent\$3) and plasma)	US-PCPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/18 11:48
L2	499	1 and (("SiC" or "silicon carbide" or "B.sub.4 C" or "boron carbide" or "alumnite" or "Al.sub.3 O.sub.2") with (protect\$4 or prevent\$4 or isolat\$4))	US-PCPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/18 11:51
L3	364	2 and (electrode or cathode or anode)	US-PCPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/18 11:51
L4	337	3 and (HF or "high frequency" or pover or "13.56MHz")	US-PCPUB; USPAT; EPO; JPO; DERWENT ; IBM_TDB	OR	ON	2006/04/18 11:52
L5	2	(zervigon.xp. or zervigon.xa.) and guenzer.att.	US-PCPUB; USPAT; USOCR	OR	ON	2006/04/18 11:52
L6	1	("5364496").PN. OR ("5679204").URPN.	US-PCPUB; USPAT; USOCR	OR	ON	2006/04/18 12:52
L7	32	steger-robert-j.in. and plasma	US-PCPUB; USPAT; USOCR	OR	ON	2006/04/18 12:52
L8	35	steger-robert-j.in. and plasma	US-PCPUB; USPAT; USOCR	OR	ON	2006/04/18 12:52
L9	54	("4427516"   "4526644"   "4693777").PN. OR ("5085727").URPN.	US-PCPUB; USPAT; USOCR	OR	ON	2006/04/18 13:06
L10	0	ISHIZU-HIDEHIKO.in. and HIROSE-HIDEYUKI.in.	US-PCPUB; USPAT; USOCR	OR	ON	2006/04/18 13:06

## EAST Search History

L11	2	ISHIZU-HIDEHIKO.in. and HIROSE-HIDEYUKI.in.		US-PCPUB; USPAT; USOCR; EPO; IPO; DERWENT ;IBM_TDB	OR	ON	2006/04/18 13:06
L12	13	("5435880").PN. OR ("6251216").URPN.		US-PCPUB; USPAT; USOCR	OR	ON	2006/04/18 13:22
L13	5	("5824607"   "6171438"   "6180019"   "6251792") PN. OR ("6388624").URPN.		US-PCPUB; USPAT; USOCR	OR	ON	2006/04/18 13:56
L14	6	Kadomura-Shingo.in. and Takatsu-Kei.in. and Hirano-Shinsuke.in.		US-PCPUB; USPAT; USOCR	OR	ON	2006/04/18 14:09
L15	1	"6391437".pn.		US-PCPUB; USPAT; USOCR	OR	ON	2006/04/18 14:09
L16	36	(US-2002006532.\$).did. or (US-6074518-\$ or US-6586886-\$ or US-6465051-\$ or US-6706138-\$ or US-6363882-\$ or US-6220201-\$ or US-6475918-\$ or US-6244211-\$ or US-5959409-\$ or US-5965896-\$ or US-6881608-\$ or US-6682627-\$ or US-6440866-\$ or US-6408786-\$ or US-5788799-\$ or US-5366385-\$ or US-6776873-\$ or US-4690793-\$ or US-6027629-\$ or US-5614055-\$ or US-6974523-\$ or US-5679204-\$ or US-5085727-\$).did. or (US-6083412-\$ or US-5268200-\$ or US-6251216-\$ or US-6270687-\$ or US-7011039-\$ or US-6270687-\$ or US-6388624-\$ or US-6391437-\$ or US-6120561-\$).did. or (JP-63138737-\$).did.		US-PCPUB; USPAT; JPO	OR	ON	2006/04/18 16:03
L17	2	"6244211".pn.		US-PCPUB; USPAT; EPO; IPO; DERWENT ;IBM_TDB	OR	ON	2006/04/18 16:23
L18	2	"6391437".pn.		US-PCPUB; USPAT; EPO; IPO; DERWENT ;IBM_TDB	OR	ON	2006/04/18 16:37
L19	2	"6388624".pn.		US-PCPUB; USPAT; EPO; IPO; DERWENT ;IBM_TDB	OR	ON	2006/04/18 16:45
L20	2	((("6391437") or ("6388624")).PN.		US-PCPUB; USPAT; EPO; IPO; DERWENT ;IBM_TDB	OR	OFF	2006/04/18 16:46
S31	29533	(118/715.ccls. or 118/728.ccls. or 118/50.ccls. or 156/345.29.ccls. or 156/345.33.ccls. or 156/345.34.ccls. or 156/345.35.ccls. or 156/345.36.ccls. or 156/345.51.ccls.) or (137/262-264.ccls. or 137/454.2 or 137/560.ccls. or 137/561.ccls. or 137/561.a.ccls. or 137/571-576.ccls. or 137/590.ccls. or 137/594-596.ccls. or 137/599.01.ccls. or 137/599.05-599.07.ccls. or 137/602.ccls.) or (141/285-286.ccls. or 141/37.ccls. or 141/44-47.ccls. or 141/54.ccls. or 141/301-302.ccls. or 261/119-22.ccls. or 261/146-147.ccls.) or 261/113.ccls. or 261/146-147.ccls. or 261/23.1.ccls. or 261/40.ccls. or 261/42.ccls. or 261/62-63.ccls.) or (261/64.1.ccls. or 261/65.ccls. or 261/75-76.ccls. or 261/94-96.ccls. or 261/100-102.ccls. or 261/105.ccls. or 261/108-109.ccls. or 261/113.ccls. or 261/114.1.ccls.)		US-PCPUB; USPAT; EPO; IPO; DERWENT ;IBM_TDB	OR	ON	2005/05/30 20:47

## EAST Search History

S34.	7874	137/262-264.ccls. or 137/454.2 or 137/560.ccls. or 137/561r.ccls. or 137/590.ccls. or 137/591-576.ccls. or 137/599.05-599.07.ccls. or 137/602.ccls.	US-PCPUB; USPAT; EPO; IPO; DERWENT ;IBM_TDB	OR	ON	2005/06/21 14:03
S35	2413	141/285-286.ccls. or 141/37.ccls. or 141/44-47.ccls. or 141/54.ccls. or 141/301-302.ccls. or 141/367.ccls.	US-PCPUB; USPAT; EPO; IPO; DERWENT ;IBM_TDB	OR	ON	2005/06/21 14:03
S36	471	261/127.ccls. or 261/131.ccls. or 261/146-147.ccls. or 261/150.ccls.	US-PCPUB; USPAT; EPO; IPO; DERWENT ;IBM_TDB	OR	ON	2005/06/21 14:03
S37	2607	261/19-22.ccls. or 261/23.1.ccls. or 261/40.ccls. or 261/42.ccls. or 261/62-63.ccls.	US-PCPUB; USPAT; EPO; IPO; DERWENT ;IBM_TDB	OR	ON	2005/06/21 14:03
S38	7161	261/64.1.ccls. or 261/65.ccls. or 261/75-76.ccls. or 261/94-96.ccls. or 261/100-102.ccls. or 261/105.ccls. or 261/108-109.ccls. or 261/113.ccls. or 261/114.1.ccls.	US-PCPUB; USPAT; EPO; IPO; DERWENT ;IBM_TDB	OR	ON	2005/06/21 14:03
S39	29603	(118/715.ccls. or 118/728.ccls. or 118/50.ccls. or 156/345.29.ccls. or 156/345.33.ccls. or 156/345.34.ccls. or 156/345.35.ccls. or 156/345.36.ccls. or 156/345.26.ccls. or 156/345.51.ccls.) or (137/262-264.ccls. or 137/454.2 or 137/560.ccls. or 137/561r.ccls. or 137/561a.ccls. or 137/571-576.ccls. or 137/590.ccls. or 137/594-596.ccls. or 137/599.01.ccls. or 137/599.05-599.07.ccls. or 137/602.ccls.) or (14/1/285-286.ccls. or 14/1/37.ccls. or 14/1/44-47.ccls. or 14/1/54.ccls. or 14/1/44-147.ccls. or 261/127.ccls. or 261/131.ccls. or 261/146-147.ccls. or 261/150.ccls.) or (261/19-22.ccls. or 261/23.1.ccls. or 261/40.ccls. or 261/42.ccls. or 261/62-63.ccls.) or (261/64.1.ccls. or 261/65.ccls. or 261/75-76.ccls. or 261/94-96.ccls. or 261/100-102.ccls. or 261/105.ccls. or 261/108-109.ccls. or 261/113.ccls. or 261/114.1.ccls.)	US-PCPUB; USPAT; EPO; IPO; DERWENT ;IBM_TDB	OR	ON	2005/06/21 14:03
S40	2013	(118/723e.ccls. or 118/723er.ccls. or 156/345.43-345.47.ccls.)	US-PCPUB; USPAT; EPO; IPO; DERWENT ;IBM_TDB	OR	ON	2005/06/21 14:03
S41	9736	118/715.ccls. or 118/728.ccls. or 118/50.ccls. or 156/345.29.ccls. or 156/345.33.ccls. or 156/345.34.ccls. or 156/345.35.ccls. or 156/345.36.ccls. or 156/345.51.ccls.	US-PCPUB; USPAT; EPO; IPO; DERWENT ;IBM_TDB	OR	ON	2005/06/21 14:03
S42	7874	137/262-264.ccls. or 137/454.2 or 137/560.ccls. or 137/561r.ccls. or 137/590.ccls. or 137/599.05-599.07.ccls. or 137/602.ccls.	US-PCPUB; USPAT; EPO; IPO; DERWENT ;IBM_TDB	OR	ON	2005/06/21 14:03

EAST Search History

S43	2413	141/285-286.cccls. or 141/37.cccls. or 141/44-47.cccls. or 141/54.cccls. or 141/301-302.cccls. or 141/367.cccls.	US-PPGPUB; USPAT; EPO; JPO; DERWENT ;IBM_TDB OR	ON	ON	2005/06/21 14:03
S44	471	261/127.cccls. or 261/131.cccls. or 261/146-147.cccls. or 261/150.cccls.	US-PPGPUB; USPAT; EPO; JPO; DERWENT ;IBM_TDB OR	ON	ON	2005/06/21 14:03
S45	2607	261/19-22.cccls. or 261/23.1.cccls. or 261/40.cccls. or 261/42.cccls. or 261/62-63.cccls.	US-PPGPUB; USPAT; EPO; JPO; DERWENT ;IBM_TDB OR	ON	ON	2005/06/21 14:03
S46	7161	261/64.1.cccls. or 261/65.cccls. or 261/75-76.cccls. or 261/94-96.cccls. or 261/100-102.cccls. or 261/105.cccls. or 261/113.cccls. or 261/114.1.cccls.	US-PPGPUB; USPAT; EPO; JPO; DERWENT ;IBM_TDB OR	ON	ON	2005/06/21 14:03
S47	29603	(118/715.cccls. or 118/728.cccls. or 118/50.cccls. or 156/345.29.cccls. or 156/345.33.cccls. or 156/345.34.cccls. or 156/345.35.cccls. or 156/345.36.cccls. or 156/345.26.cccls. or 156/345.51.cccls.) or (137/262-264.cccls. or 137/454.2 or 137/560.cccls. or 137/561.cccls. or 137/561.a.cccls. or 137/571-576.cccls. or 137/590.cccls. or 137/594-596.cccls. or 137/599.01.cccls. or 137/599.05-599.07.cccls. or 137/602.cccls.) or (141/785-286.cccls. or 141/37.cccls. or 141/44-47.cccls. or 141/44-47.cccls. or 141/301-302.cccls. or 141/367.cccls.) or (261/127.cccls. or 261/131.cccls. or 261/146-147.cccls. or 261/150.cccls.) or (261/42.cccls. or 261/62-63.cccls.) or (261/64.1.cccls. or 261/65.cccls. or 261/75-76.cccls. or 261/94-96.cccls. or 261/100-102.cccls. or 261/105.cccls. or 261/108-109.cccls. or 261/113.cccls. or 261/114.1.cccls.)	US-PPGPUB; USPAT; EPO; JPO; DERWENT ;IBM_TDB OR	ON	ON	2005/06/21 14:03
S48	31053	S40 or S47	US-PPGPUB; USPAT; EPO; JPO; DERWENT ;IBM_TDB OR	ON	ON	2005/06/21 14:03
S49	2013	(118/723e.cccls. or 118/723er.cccls. or 156/345.43-345.47.cccls.)	US-PPGPUB; USPAT; EPO; JPO; DERWENT ;IBM_TDB OR	ON	ON	2005/06/21 14:03
S50	29603	(118/715.cccls. or 118/728.cccls. or 118/50.cccls. or 156/345.29.cccls. or 156/345.33.cccls. or 156/345.34.cccls. or 156/345.35.cccls. or 156/345.36.cccls. or 156/345.26.cccls. or 156/345.51.cccls.) or (137/262-264.cccls. or 137/454.2 or 137/560.cccls. or 137/561.cccls. or 137/561.a.cccls. or 137/571-576.cccls. or 137/590.cccls. or 137/594-596.cccls. or 137/599.01.cccls. or 137/599.05-599.07.cccls. or 137/602.cccls.) or (141/785-286.cccls. or 141/37.cccls. or 141/44-47.cccls. or 141/44-47.cccls. or 141/301-302.cccls. or 141/367.cccls.) or (261/127.cccls. or 261/131.cccls. or 261/146-147.cccls. or 261/150.cccls.) or (261/42.cccls. or 261/62-63.cccls.) or (261/64.1.cccls. or 261/65.cccls. or 261/75-76.cccls. or 261/94-96.cccls. or 261/100-102.cccls. or 261/105.cccls. or 261/108-109.cccls. or 261/113.cccls. or 261/114.1.cccls.)	US-PPGPUB; USPAT; EPO; JPO; DERWENT ;IBM_TDB OR	ON	ON	2005/06/21 14:03
S51	25	(118/723e.cccls. or 118/723er.cccls.) and (118/723mr.cccls. or 118/723ma.cccls.) and (118/723m.cccls.) and (118/723ma.cccls.) and (118/723mr.cccls.)	US-PPGPUB; USPAT; EPO; JPO; DERWENT ;IBM_TDB OR	ON	ON	2006/04/17 13:06

## EAST Search History

S52	1520	((118/723.ccls. or 118/723er.ccls.) and (118/723mr.ccls. or 118/723ma.ccls.)) or (156/345.43-345.49.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT ;IBM_TDB OR	ON	2006/04/17 13:01
S53	5082	Tetsuka-Tsutsumi.in. or lkennaga-Kazuyuki.in. or Ono-Tetsuo.in. or Yoshihisa-Motohiko.in. or Itabashi-Naoshi.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT ;IBM_TDB OR	ON	2006/04/17 13:03
S54	392	S53 and plasma	US-PGPUB; USPAT; EPO; JPO; DERWENT ;IBM_TDB OR	ON	2006/04/17 13:03
S55	30313	(118/715.ccls. or 118/728.ccls. or 118/50.ccls. or 156/345.29.ccls. or 156/345.33.ccls. or 156/345.34.ccls. or 156/345.35.ccls. or 156/345.36.ccls. or 156/345.51.ccls. or 137/561.ccls. or 137/562-264.ccls. or 137/564.2 or 137/564.2 or 137/561.r.ccls. or 137/561.a.ccls. or 137/571-576.ccls. or 137/594-596.ccls. or 137/599.01.ccls. or 137/599.05-599.07.ccls. or 137/602.ccls.) or (141/285-286.ccls. or 141/37.ccls. or 141/44-47.ccls. or 141/54.ccls. or 141/54-47.ccls. or 141/301-302.ccls. or 141/367.ccls.) or (261/127.ccls. or 261/131.ccls. or 261/146-147.ccls. or 261/150.ccls.) or (261/19-22.ccls. or 261/23.1.ccls. or 261/40.ccls. or 261/42.ccls. or 261/62-63.ccls.) or (261/64.1.ccls. or 261/65.ccls. or 261/75-76.ccls. or 261/94-96.ccls. or 261/100-102.ccls. or 261/105.ccls. or 261/108-109.ccls. or 261/113.ccls. or 261/14.1.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT ;IBM_TDB OR	ON	2006/04/17 13:06
S56	7969	137/262-264.ccls. or 137/454.2 or 137/560.ccls. or 137/561.a.ccls. or 137/571-576.ccls. or 137/590.ccls. or 137/594-596.ccls. or 137/599.01.ccls. or 137/599.05-599.07.ccls. or 137/602.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ;IBM_TDB OR	ON	2006/04/17 13:06
S57	2466	141/285-286.ccls. or 141/37.ccls. or 141/44-47.ccls. or 141/54.ccls. or 141/301-302.ccls. or 141/367.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ;IBM_TDB OR	ON	2006/04/17 13:06
S58	479	261/127.ccls. or 261/131.ccls. or 261/146-147.ccls. or 261/150.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ;IBM_TDB OR	ON	2006/04/17 13:06
S59	2622	261/19-22.ccls. or 261/23.1.ccls. or 261/40.ccls. or 261/42.ccls. or 261/62-63.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ;IBM_TDB OR	ON	2006/04/17 13:06
S60	7216	261/64.1.ccls. or 261/65.ccls. or 261/75-76.ccls. or 261/94-96.ccls. or 261/100-102.ccls. or 261/105.ccls. or 261/113.ccls. or 261/14.1.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT ;IBM_TDB OR	ON	2006/04/17 13:06

## EAST Search History

S61	30313	(118/715.cccls. or 118/728.cccls. or 118/50.cccls. or 156/345.29.cccls. or 156/345.33.cccls. or 156/345.34.cccls. or 156/345.35.cccls. or 156/345.36.cccls. or 156/345.51.cccls. or 156/345.51.cccls. or 137/454.2 or 137/561.cccls. or 137/561.cccls. or 137/561.a.cccls. or 137/571-576.cccls. or 137/590.cccls. or 137/599.01.cccls. or 137/594-596.cccls. or 141/301-302.cccls. or 141/367.cccls. or 137/602.cccls.) or (141/285-286.cccls. or 141/37.cccls. or 141/44-47.cccls. or 141/131.cccls. or 261/146-147.cccls. or 261/150.cccls. or 261/142.cccls. or 261/62-63.cccls. or 261/64-1.cccls. or 261/65.cccls. or 261/75-76.cccls. or 261/94-96.cccls. or 261/100-102.cccls. or 261/105.cccls. or 261/108-109.cccls. or 261/113.cccls. or 261/114.1.cccls.) (118/723.cccls. or 118/723cccls. or 156/345.43-345.47.cccls.)	US-PCPUB; USPAT; EPO; JPO; DERWENT ;IBM_TDB	OR	ON	2006/04/17 13:06
S62	2130	118/723.cccls. or 118/723er.cccls. or 156/345.43-345.47.cccls.)	US-PCPUB; USPAT; EPO; JPO; DERWENT ;IBM_TDB	OR	ON	2006/04/17 13:06
S63	10225	118/715.cccls. or 118/728.cccls. or 118/50.cccls. or 156/345.29.cccls. or 137/561.a.cccls. or 156/345.33.cccls. or 156/345.34.cccls. or 156/345.35.cccls. or 156/345.36.cccls. or 156/345.51.cccls.	US-PCPUB; USPAT; EPO; JPO; DERWENT ;IBM_TDB	OR	ON	2006/04/17 13:06
S64	7969	137/262-264.cccls. or 137/454.2 or 137/560.cccls. or 137/561.cccls. or 137/561.a.cccls. or 156/345.33.cccls. or 137/590.cccls. or 137/599.01.cccls. or 137/599.05-599.07.cccls. or 137/602.cccls.	US-PCPUB; USPAT; EPO; JPO; DERWENT ;IBM_TDB	OR	ON	2006/04/17 13:06
S65	2466	141/285-286.cccls. or 141/37.cccls. or 141/44-47.cccls. or 141/54.cccls. or 141/301-302.cccls. or 141/367.cccls.	US-PCPUB; USPAT; EPO; JPO; DERWENT ;IBM_TDB	OR	ON	2006/04/17 13:06
S66	479	261/127.cccls. or 261/131.cccls. or 261/146-147.cccls. or 261/150.cccls.	US-PCPUB; USPAT; EPO; JPO; DERWENT ;IBM_TDB	OR	ON	2006/04/17 13:06
S67	2622	261/19-22.cccls. or 261/23.1.cccls. or 261/40.cccls. or 261/42.cccls. or 261/62-63.cccls.	US-PCPUB; USPAT; EPO; JPO; DERWENT ;IBM_TDB	OR	ON	2006/04/17 13:06
S68	7216	261/64.1.cccls. or 261/65.cccls. or 261/75-76.cccls. or 261/94-96.cccls. or 261/100-102.cccls. or 261/105.cccls. or 261/108-109.cccls. or 261/113.cccls. or 261/114.1.cccls.	US-PCPUB; USPAT; EPO; JPO; DERWENT ;IBM_TDB	OR	ON	2006/04/17 13:06
S69	30313	(118/715.cccls. or 118/728.cccls. or 118/50.cccls. or 156/345.29.cccls. or 156/345.33.cccls. or 156/345.34.cccls. or 156/345.35.cccls. or 156/345.36.cccls. or 156/345.51.cccls. or 156/345.51.cccls. or 137/561.a.cccls. or 137/571-576.cccls. or 137/590.cccls. or 137/599.01.cccls. or 137/594-596.cccls. or 141/301-302.cccls. or 141/367.cccls. or 137/602.cccls.) or (141/285-286.cccls. or 141/37.cccls. or 141/44-47.cccls. or 141/131.cccls. or 261/146-147.cccls. or 261/150.cccls. or 261/19-22.cccls. or 261/23.1.cccls. or 261/40.cccls. or 261/42.cccls. or 261/62-63.cccls. or 261/64.1.cccls. or 261/65.cccls. or 261/75-76.cccls. or 261/94-96.cccls. or 261/100-102.cccls. or 261/105.cccls. or 261/108-109.cccls. or 261/113.cccls. or 261/114.1.cccls.)	US-PCPUB; USPAT; EPO; JPO; DERWENT ;IBM_TDB	OR	ON	2006/04/17 13:06

## EAST Search History

S70	31858	\$62 or \$69		US:PGPUB; USPAT; EPO; JPO; DERWENT ;IBM_TDB OR	ON	2006/04/17 13:06
S71	2130	(118/723ccls. or 118/723erccls. or 156/345.43-345.47.cccls.)		US:PGPUB; USPAT; EPO; JPO; DERWENT ;IBM_TDB OR	ON	2006/04/17 13:06
S72	30313	(118/715.cccls. or 118/728.cccls. or 118/50.cccls. or 156/345.29.cccls. or 156/345.33.cccls. or 156/345.34.cccls. or 156/345.35.cccls. or 156/345.36.cccls. or 156/345.51.cccls.) or (137/262-264.cccls. or 137/454.2 or 137/454.7.cccls. or 137/561.cccls. or 137/561a.cccls. or 137/571-576.cccls. or 137/590.cccls. or 137/594-596.cccls. or 137/599.01.cccls. or 137/599.05-599.07.cccls. or 137/602.cccls.) or (141/285-286.cccls. or 141/37.cccls. or 141/44-47.cccls. or 141/54.cccls. or 141/301-302.cccls. or 141/367.cccls.) or (261/127.cccls. or 261/131.cccls. or 261/146-147.cccls. or 261/150.cccls.) or (261/19-22.cccls. or 261/23.1.cccls. or 261/40.cccls. or 261/42.cccls. or 261/62-63.cccls.) or (261/64.1.cccls. or 261/65.cccls. or 261/75-76.cccls. or 261/94-96.cccls. or 261/100-102.cccls. or 261/105.cccls. or 261/108-109.cccls. or 261/113.cccls. or 261/114.1.cccls.)	US:PGPUB; USPAT; EPO; JPO; DERWENT ;IBM_TDB OR	ON	2006/04/17 13:06	
S73	622	((118/723cccls. or 118/723ercccls. or 118/723mrcccls. or 118/723ma.cccls.) or (156/345.43-345.49.cccls.) and (SiC or "silicon carbide" or "B.sub.4 C" or "boron carbide" or "Al.sub.3 N.sub.4" or "aluminum nitride")		US:PGPUB; USPAT; EPO; JPO; DERWENT ;IBM_TDB OR	ON	2006/04/17 13:09
S74	549	S73 and plasma and electrode		US:PGPUB; USPAT; EPO; JPO; DERWENT ;IBM_TDB OR	ON	2006/04/17 13:08
S75	286	S74 and protect\$3		US:PGPUB; USPAT; EPO; JPO; DERWENT ;IBM_TDB OR	ON	2006/04/17 13:24
S76	35	S53 and (SiC or "silicon carbide" or "B.sub.4 C" or "boron carbide" or "Al.sub.3 N.sub.4" or "aluminum nitride")		US:PGPUB; USPAT; EPO; JPO; DERWENT ;IBM_TDB OR	ON	2006/04/17 13:30
S77	52	S72 and (protect\$3 with liner) and plasma not S75		US:PGPUB; USPAT; EPO; JPO; DERWENT ;IBM_TDB OR	ON	2006/04/17 13:25
S78	998	plasma and electrode and (SiC or "silicon carbide" or "B.sub.4 C" or "boron carbide" or "Al.sub.3 N.sub.4" or "aluminum nitride") and (wafer or substrate) and liner not S75		US:PGPUB; USPAT; EPO; JPO; DERWENT ;IBM_TDB OR	ON	2006/04/17 13:32

## EAST Search History

S79	580	(plasma with surface) and electrode and (SiC or "silicon carbide" or "B.sub.4 C" or "boron carbide" or "Al.sub.3 N.sub.4" or "aluminum nitride") and (wafer or substrate) and liner not S75	US-PCPUB; USPAT; EPO; JPO; DERWENT ;IBM_TDB OR	ON	2006/04/17 13:31
S80	299	plasma and electrode and (SiC or "silicon carbide" or "B.sub.4 C" or "boron carbide" or "Al.sub.3 N.sub.4" or "aluminum nitride") and (wafer or substrate) and (liner with surface) not S75	US-PCPUB; USPAT; EPO; JPO; DERWENT ;IBM_TDB OR	ON	2006/04/17 13:43
S81	230	plasma and electrode and (SiC or "silicon carbide" or "B.sub.4 C" or "boron carbide" or "Al.sub.3 N.sub.4" or "aluminum nitride") and (wafer or substrate) and (liner with (chamber or reactor)) not (S75 or S80)	US-PCPUB; USPAT; EPO; JPO; DERWENT ;IBM_TDB OR	ON	2006/04/17 15:20
S82	28	S81 and magnets	US-PCPUB; USPAT; EPO; JPO; DERWENT ;IBM_TDB OR	ON	2006/04/17 13:56
S83	14	Chang-Christopher-C.in. and Daugherty-John-E.in.	US-PCPUB; USPAT; EPO; JPO; DERWENT ;IBM_TDB OR	ON	2006/04/17 13:56
S84	45	("4196233"   "4340462"   "4491496"   "4534816"   "4612077"   "4714660"   "4871401"   "4948458"   "4988564"   "5006220"   "5022979"   "5052339"   "5135801"   "5156725"   "5200232"   "5233522"   "5262029"   "5268200"   "5366585"   "5417952"   "5494713"   "55222932"   "5569356"   "5641375"   "5680013"   "5722913"   "5776588"   "5798016"   "5820723"   "5824605"   "5838559"   "5863376"   "5879523"   "5885356"   "5888907"   "5891253"   "5895586"   "5904778"   "6048798"   "6120640"   "RE55785").PN. OR ("6533910").URPN.	US-PCPUB; USPAT; EPO; JPO; DERWENT ;IBM_TDB OR	ON	2006/04/17 13:58
S85	17	("zervigon.xp" or zervigon.xa.) and liner	US-PCPUB; USOCR	OR	2006/04/18 11:52
S86	17	("zervigon.xp" or zervigon.xa.) and liner	US-PCPUB; USOCR	OR	2006/04/17 13:58
S87	22	(zervigon.xp. or zervigon.xa.) and liner	US-PCPUB; USOCR	OR	2006/04/17 13:58
S88	28	("4340462"   "4491496"   "4690793"   "4948458"   "5006220"   "5022979"   "5085727"   "5182059"   "5200232"   "5262029"   "5292399"   "5366385"   "5569356"   "5641375"   "5680013"   "5788799"   "5820723"   "5838529"   "5863376"   "5885556"   "5888907"   "5895586"   "5904778").PN. OR ("6408786").URPN.	US-PCPUB; USPAT; EPO; JPO; DERWENT ;IBM_TDB OR	OR	2006/04/17 14:01
S89	115	("4491496"   "4563367"   "4875989"   "4960488"   "4995341"   "5000113"   "5065698"   "5069938"   "5074456"   "5085727"   "5137610").PN. OR ("5366585").URPN.	US-PCPUB; USPAT; EPO; JPO; DERWENT ;IBM_TDB OR	OR	2006/04/17 14:08

EAST Search History

S90	33	("2002006532"   "4384918"   "4480284"   "4480284"   "4645218"   "4665463"   "47332781"   "4832781"   "4949671"   "5055964"   "5073716"   "5104834"   "5117121"   "511845"   "5166836"   "519506"   "5215683"   "5280156"   "5315473"   "5324053"   "5325261"   "5350479"   "5366585"   "5382469"   "5641375"   "5684669"   "5792562"   "5798148"   "5800871"   "5916689"   "6027629"   "6110283"   "6165313"   "6182603"   "6277759",PN,OR ("6682627").URPN.	US:PGPUB; USPAT; USOCR	OR	ON	2006/04/17 14:18
S91	27	("4844775"   "5074456"   "5252178"   "5252178"   "5346578"   "5346578"   "5390993"   "5290993"   "5556501"   "5614055",PN,OR ("5863896").URPN.	US:PGPUB; USPAT; USOCR	OR	ON	2006/04/17 14:33
S92	15	("4844775"   "5074456"   "5252178"   "5252178"   "5346578"   "5346578"   "5390993"   "5290993"   "5556501"   "5614055"   "5863896").PN,OR ("6220201").URPN.	US:PGPUB; USPAT; USOCR	OR	ON	2006/04/17 14:36
S93	9	("4464223"   "4579618"   "5272417"   "5512130"   "55385012"   "6013155"   "6017825"   "6042687"   "6413876").PN,OR ("6706138").URPN.	US:PGPUB; USPAT; USOCR	OR	ON	2006/04/17 15:13
S94	25	(US-2002006532-\$).did, or (US-3788799-\$ or US-6440866-\$ or US-6533910-\$ or US-6408786-\$ or US-4690793-\$ or US-5366585-\$ or US-5959409-\$ or US-6682627-\$ or US-6027629-\$ or US-6681608-\$ or US-6776873-\$ or US-5863896-\$ or US-6974523-\$ or US-6220201-\$ or US-5614055-\$ or US-5910221-\$ or US-6074518-\$ or US-6244211-\$ or US-6245202-\$ or US-6363882-\$ or US-6465051-\$ or US-6475918-\$ or US-6586886-\$ or US-6706138-\$).did. S94 and (SiC or "silicon carbide" or "B.sub.4 C" or "boron carbide" or "Al.sub.3 N.sub.4" or "aluminum nitride")	US:PGPUB; USPAT; EPO; JPO; DERWENT ;IBM_TDB	OR	ON	2006/04/17 15:20
S95	22		US:PGPUB; USPAT; EPO; JPO; DERWENT ;IBM_TDB	OR	ON	2006/04/17 15:20